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SKYLAB

MONTHLY REPORT #10

E7.4-10657

CR-138889

A. TITLE: FEASIBILITY OF USING S-191 INFRARED SPECTRA FOR GEOLOGICAL STUDIES FROM SPACE.

B. PRINCIPAL INVESTIGATORS: R.J.P. Lyon; F.R. Honey
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C. PROPOSAL #9641

Contract #NAS 9-13357

D. TECHNICAL MONITORS:

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E. PERIOD:

May 1, 1974-May 31, 1974

REMOTE SENSING LABORATORY

STANFORD UNIVERSITY

STANFORD, CALIFORNIA

94305

(E74-10657) FEASIBILITY OF USING S-191
INFRARED SPECTRA FOR GEOLOGICAL STUDIES
FROM SPACE Monthly Report, 1-31 May
1974 (Stanford Univ.) 3 p HC \$4.00

CSCL 08G G3/13

Unclass
00657

N74-29689

F. OVERALL STATUS (Problem areas, significant progress)

No new data received. No analysis done on old SL-3 S-191 tapes.

G. DATA RECEIVED TO DATE

See next page.

H. RECOMMENDATIONS (Decisions/Actions required to ensure attainment of scientific objectives).

1. URGENT: Dispatch of RB-57 infrared pallett tapes,

2. New set of S-191 data tapes for SL-3.
Note: All tapes to be 9 track.

I. EXPECTED ACCOMPLISHMENTS FOR NEXT PERIOD

1. Completion of flight path maps and associated geology.

2. Analysis of S-191 tapes and RB-57 tapes (if received).

J. SIGNIFICANT RESULTS

None as yet.

K. SUMMARY OF FUTURE EFFORT

Analysis of data from RB-57 infrared pallet tapes and SL-3 S-191 tapes (when received), and correlation of data with geology at target.

L. TRAVEL SUMMARY AND PLANS

None for next period.

G. DATA RECEIVED TO DATE

AIRCRAFT RB57

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	Films	Boresight Film	Data Logs	Data Tapes	16mm.C.R.T. Plots	I.R. R57 Data Images	S190A	S190B	S191 Data Tapes	S191 Boresight Film
SL2	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	R.	N.R.	7 track (1 set of 2)*	R.
SL3	R.	R.	N.R.	N.R.	N.R.	N.R.	R.	N.R.	7 track (3 sets of 2)	R.

*Received unordered test tape and data tape (S192) from SL2 which we would like to retain for 3 months.

R.=Received

N.R=Not Received